



ABSTRACT OF THE DISCLOSURE

~~The invention concerns a~~ A longitudinal shaft ~~17~~, for use in particular in four-wheel drive or rear-wheel drive motor vehicles. ~~The longitudinal shaft 1 comprises~~ includes a gearbox-side articulation 5, a differential-side articulation 6, as well as a central articulation 4 through which a gearbox-side section 2 is integrally linked in rotation to a differential-side section 3 of the longitudinal shaft 1. ~~The invention aims at reducing~~ To reduce the centrifugal forces occurring at the longitudinal shaft 1 in operation. ~~Therefore,~~ the gearbox-side articulation 5 and the differential-side articulation 6 have each an inner hub ~~15,~~ ~~18~~ designed to connect the longitudinal shaft 1 integrally in rotation respectively to a gearbox output shaft and to a differential input shaft, the longitudinal shaft 1 being centered on the gearbox output shaft and the differential input shaft by interlocking through the inner hubs ~~15, 18~~.